



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: C. Todd Praisner et al.

Filed: November 21, 2000

For: SYSTEM AND METHOD FOR PURCHASING MANAGEMENT  
UTILIZING DYNAMIC PAYMENT CARDS AND DYNAMIC  
APPROVAL PARAMETERS

Serial No.: 09/717,728

Group Art Unit: 3628

Examiner: NGUYEN, Nga B

Atty Dkt: WRKS:002

**COPY**

Pursuant to 37 C.F.R. 1.8, I certify that this correspondence is being deposited with the U.S. Postal Service in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date below:

8/23/05  
Date

Ruth Tucker  
Name

**RESPONSE TO FINAL OFFICE ACTION MAILED JULY 1, 2005**

MAIL STOP AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicant submits this paper in response to the Final Office Action dated July 1, 2005. This response is being filed with two-months; therefore, an Advisory Action is respectfully requested.

Should any fees under 37 CFR 1.16-1.21 be required for any reason relating to the enclosed materials, including any additional fee for an extension of time, the Commissioner is authorized to deduct such fees from O'Keefe, Egan & Peterman Deposit Account No. 10-1205/WRKS:002.

Please amend the application as follows:

### Amendments to the Claims

Please amend the claims as set forth in the following listing. This listing of claims will replace all prior versions, and listings, of claims for the present application:

1. (Currently amended) A method for providing server-based purchasing management utilizing payment ~~identifiers cards~~ and dynamic approval parameters, comprising:

receiving at one or more server systems within a purchasing management system for an entity a plurality of electronic purchase requests from requestors ~~systems~~ within ~~an~~ the entity; evaluating the plurality of purchase requests with respect to the entity's purchase policies to provide approval processing utilizing one or more server systems; generating a plurality of sets of approval parameters based upon the approval processing utilizing one or more server systems, each set of approval parameters being associated with an approved purchase request; and dynamically storing each set of approval parameters with respect to at least one payment ~~identifier card~~ so that purchases using payment ~~identifiers cards~~ may be processed by a payment processing system in view of approval parameters associated with those payment ~~identifiers cards~~.

2. (Original) The method of claim 1, further comprising providing access through a network to a plurality of customizable purchasing management rules residing on one or more server systems, receiving through the network the plurality of purchase requests and applying the purchasing management rules to the purchase requests to help generate the approval parameters for approved purchase requests.

3. (Original) The method of claim 2, further comprising notifying an approver of a purchase request, if some action is required from the approver for the purchase request to be approved, and allowing the approver to take the required action through a network accessible approval mechanism.

4. (Original) The method of claim 3, further comprising allowing the approver to identify, at least in part, the approval parameters for the approved purchase request.

5. (Original) The method of claim 1, wherein the purchase requests comprise requests for purchases of products or services from network enabled markets.
6. (Original) The method of claim 1, wherein the purchase requests comprise requests for purchases of products or services from non-network enabled markets.
7. (Currently amended) The method of claim 1, wherein the payment ~~identifiers~~ cards comprise ~~payment~~ credit cards.
8. (Previously presented) The method of claim 1, further comprising utilizing the payment ~~identifiers~~ cards as requestor specific identifiers and wherein the purchase requests include an indication of the payment ~~identifier~~ card of the requestor.
9. (Original) The method of claim 2, wherein the network comprises the Internet.
10. (Currently amended) A method for providing server-based purchasing management services to customer entities through a network, comprising:
  - providing access through a network to a plurality of customizable purchasing management rules residing on one or more server systems, the purchasing management rules providing approval requirements for purchases requested by requestors associated with a customer entity;
  - receiving through the network a purchase request from a requestor;
  - applying the purchasing management rules to the purchase request;
  - notifying an approver of the purchase request, if the purchasing management rules require action by the approver for the purchase request to be approved;
  - allowing for the approver to take approval action through a network accessible approval mechanism; and
  - generating a set of approval parameters for an approved purchase request and dynamically associating the set of approval parameters with a payment ~~identifier~~ card.
11. Canceled.
12. Canceled.

13. (Currently amended) The method of claim 10, further comprising communicating the set of approval parameters to a payment processing system for storage and use in payment processing with respect to a vendor transaction ~~correlating a purchase made using the payment identifier with the approval parameters and approving the purchase if the purchase is within the approval parameters.~~

14. (Original) The method of claim 13, wherein the approval parameters comprise an identity of a vendor for a requested product or service and a maximum cost amount for the product or service.

15. (Currently amended) The method of claim 10, wherein the payment ~~identifier~~ card comprises a ~~payment~~ credit card.

16. (Previously presented) The method of claim 15, further comprising providing a plurality of payment cards to a plurality of requestors within an entity so that each request may utilize the payment card in making purchase requests and in executing approved purchase requests.

17. (Original) The method of claim 10, wherein the receiving step comprises receiving a purchase request from a network enabled market, the network enabled market allowing the requestor to identify and select for purchase products or services through the network.

18. (Previously presented) The method of claim 17, further comprising allowing the approver to determine one or more approval parameters associated with an approved purchase request from the network enabled market.

19. (Original) The method of claim 10, wherein the receiving step comprises receiving a purchase request from a market that is not network enabled, the purchase request identifying one or more details concerning a need that the purchase request will address.

20. (Previously presented) The method of claim 19, further comprising allowing the approver to determine one or more approval parameters associated with an approved purchase request from the non-network enabled market.

21. (Original) The method of claim 10 wherein the network comprises the Internet.

22. (Currently amended) A server-based purchasing management system utilizing payment ~~identifiers~~ cards to provide control over purchases of ~~a customer~~ an entity, comprising:

one or more server systems configured to provide a purchasing management system for an entity, to receive a plurality of electronic purchase requests from a plurality of requestors systems within an entity, to conduct approval processing of these purchase requests according to purchasing policies of the entity, and to generate a plurality of sets of approval parameters associated with the plurality of purchase requests based upon the approval processing; and

a plurality of payment ~~identifiers~~ cards, at least one dynamic payment ~~identifier~~ card being associated with each set of approval parameters, the payment ~~identifiers~~ cards allowing purchases made using a payment ~~identifier~~ card to be correlated with an appropriate set of approval parameters;

wherein the one or more server systems are further configured to cause each set of approval parameters to be stored with respect to at least one payment ~~identifier~~ card so that purchases made using a payment ~~identifier~~ card may be processed by a payment processing system in view of approval parameters associated with that payment ~~identifier~~ card.

23. (Previously presented) The purchasing management system of claim 22, wherein the one or more server systems are further configured to receive through a network the plurality of electronic purchase requests.

24. (Previously presented) The purchasing management system of claim 22, wherein the one or more server systems are further configured to provide access through the network to a plurality of customizable purchasing management rules residing on the server systems and to apply the purchasing management rules to the purchase requests.

25. (Currently amended) The purchasing management system of claim 22, further comprising one or more payment processing systems configured to store the plurality of sets of approval parameters and the associated dynamic payment ~~identifiers~~ cards, to receive details of a purchase made using a dynamic payment ~~identifier~~ card, to evaluate the purchase against an appropriate set of approval parameters for the

purchase request associated with the purchase, and to approve the purchase if the purchase falls within the approval parameters.

26. (Currently amended) The purchasing management system of claim 22 wherein the payment ~~identifiers~~ cards comprise ~~payment~~ credit cards.

27. (Original) The purchasing management system of claim 22, wherein the purchase requests comprise requests for purchase of products or services from network enabled markets.

28. (Original) The purchasing management system of claim 22, wherein the purchase requests comprise requests for purchase of products or services from non-network enabled markets.

29. (Previously presented) The purchasing management system of claim 22, wherein the network comprises the Internet.

30. (Currently amended) A network accessible purchasing management system, comprising:  
one or more server systems accessible through a network that are configured to provide access to  
a plurality of customizable purchasing management rules residing on the server systems;  
a purchase request subsystem within the server systems configured to receive purchase requests  
through the network;  
an approval processing subsystem within the server systems configured to apply the purchasing  
management rules to the purchase requests and to allow an approver to take approval  
action, if the purchasing management rules require action by the approver for a purchase  
request to be approved; and  
a dynamic purchase processing subsystem within the server systems configured to generate  
approval parameters for approved purchase requests and to dynamically associate a set of  
approval parameters for each purchase request with a payment ~~identifier~~ card to be  
utilized for purchase of the product or service identified in the purchase request.

31. Canceled.

32. (Currently amended) The network accessible purchasing management system of claim 30, further comprising one or more payment processing systems configured to store a plurality of sets of approval

parameters and associated payment ~~identifiers~~ cards, to receive details of a purchase made using a payment ~~identifier~~ card, to evaluate the purchase against an appropriate set of approval parameters for the purchase request associated with the purchase, and to ~~approve~~ allow the purchase if the purchase falls within the approval parameters.

33. (Currently amended) The network accessible purchasing management system of claim 30, wherein the payment ~~identifiers~~ cards comprise ~~payment~~ credit cards.

34. (Original) The network accessible purchasing management system of claim 33, wherein the approval parameters comprise an identity of a vendor for a requested product or service and a maximum cost amount for the product or service.

35. (Original) The network accessible purchasing management system of claim 30, wherein the network comprises the Internet.

## REMARKS

### Status of Claims

Claims 1, 7, 10, 13, 15, 22, 26, 30, 32 and 33 have been amended. Claims 1-10, 13-30 and 32-35 are currently pending in the case.

### Amendments to the Claims

Claims 1, 13, 22, and 32 have been amended to clarify the claimed inventions. With respect to independent claims 1 and 22, amendments have been made to clarify that the approval parameters in those claims relate to the results of approval processing of purchase requests according to an entity's purchasing policies by one or more server systems. Similar limitations to those added to claims 1 and 22 can be found in other claims, such as claims 2, 10, 24 and 30. In addition, the clarifying amendment from payment "identifier" to payment "card" is based upon limitations in dependent claims 7, 15, 26 and 33. As such, Applicant respectfully requests that these claim amendments be entered, even though after final rejection, and that the amended claims be considered in the Advisory Action.

### Rejection of Claims

Claims 1-10, 13-30 and 32-35 were rejected under §102 as anticipated by U.S. Patent No. 6,226,624 (Watson). Applicant respectfully traverses these rejections.

Initially, it is noted that the Office Action confuses transaction "authorization" processing and purchase request "approval" processing, which are two distinctly different processing operations. As used in Watson, transaction "authorization" is a process where a merchant seeks information from an authorizing agent about an account being used by a purchaser to make a transaction and where the merchant receives back an authorization code if the account is in good standing and the transaction is within the account parameters. How to handle this authorization process is the sole focus of Watson. In contrast, "approval" processing for purchase requests within an entity, as used with respect to the present invention, refers to a process where purchase requests within an entity are evaluated against that entity's purchasing policies to determine whether the purchase request is to be approved by the entity as an appropriate corporate expenditure. Once approved, the purchase request can then be fulfilled through a transaction that involves transaction "authorization" processing. Thus, transaction "authorization" processing is distinctly different from purchase request "approval" processing.



As stated above, Applicant has amended the claims to help clarify the claimed invention with respect to distinctions between “approval” processing of purchase requests within an entity and transaction “authorization” processing of merchant transaction authorization requests.

The present invention is directed to “approval” processing according to purchasing policies of an entity in order to generate approval parameters according to the entity’s purchasing policies. In addition, the present invention is directed to the use of these dynamic policy-based approval parameters in later payment processing of the actual vendor transaction. For example, as discussed in the Specification:

Dynamic approval parameters for any particular purchase request are produced after applying the company purchase policies to those purchase requests within a purchasing management system. By utilizing dynamic approval parameters linked to specific purchase requests, as opposed to general static approval limitations available with existing purchasing cards, the systems and methods of the present invention allow for the efficient management and control of company purchases, regardless of where the purchase is made, without sacrificing the safety of having purchase requests reviewed under standard company purchase policies.

[Specification, page 12 (emphasis added).] In short, although the payment processing aspects of the present invention relate to accepting (*i.e.*, authorizing) or denying a merchant transaction request, the purchasing management aspects of the present invention relate to approval processing of purchase requests according to purchase policies of a company and how to tie the policy-related approval parameters that result from this approval processing to the later payment processing that is associated with the actual transaction at a vendor or merchant.

Watson, in contrast, does not address approval processing according to company purchasing policies. Rather, Watson is focused solely on how to handle authorization and pre-authorization of the actual merchant transaction. In contrast with policy-based approval parameters of the present invention, therefore, the pre-authorization parameters of Watson are based solely upon actual or approximated quotes from a merchant. [Watson, col. 9, lns. 51-60.]

More particularly, Watson appears to discuss three basic transaction embodiments: (1) account user initiated purchases (FIGS. 2A-B), (2) account manager initiated purchases (FIGS. 6A-B), and (3) web user initiated purchases (FIGS. 8A-B). The first two embodiments appear to be directed to possible corporate environments where an account manager obtains a quote from a merchant and then the account user or the account manager initiates the purchase with the merchant, respectively. The last embodiment appears directed to individual consumers and is designed for the particular problem of consumer purchases of goods and services from Internet websites.

With respect to the first two embodiments of FIGS. 2A-B and 6A-B, Watson discloses systems and method for allowing an account manager to make pre-authorization requests for specific transactions through a computer connection to a card issuer. As described in Watson, during account set-up activities with the card issuer, certain categories of goods and services are designated with "pre-authorization SICs" that denote transaction categories for which pre-authorization will be required. [Watson, col. 5, lns. 21-26.] The "pre-authorization transaction phase" then begins with an account manager 202 generating a quote from a merchant for goods and services desired by an account user 204. [Watson, col. 9, lns. 47-60.] Based upon this merchant quote, the account manager 202 sends a pre-authorization request 224 to the card issuer 214, and the card issuer 214 then sends a pre-authorization request to an authorizing agent 212. [Watson, col. 9, lns 60-64; col. 10, lns. 28-33.] The authorizing agent 212 then stores pre-authorization parameters in a pre-authorization table 318. [Watson, col. 10., lns. 33-37.] When the transaction is initiated at the merchant, the merchant sends a transaction authorization request, and the authorizing agent uses the pre-authorization table to process this request only if the transaction authorization request presents an SIC (standard industrial code) that has been previously designated as a pre-authorization SIC. [Watson, col. 6, lns. 48-55; col. 10, lns. 33-37.]

With respect to the embodiment of FIGS. 8A-B, Watson discusses a web account user or consumer version of the system for purposes of Internet shopping. In particular, in this consumer version, a web account user or consumer 804 contacts a card issuer 814 to obtain a pre-authorization account or to designate pre-authorization SICs, engages in "traditional shopping or browsing" such as Internet shopping, determines the desirability of a web merchant's good or service, accesses an authorization web page 815, and enters specific parameters for the transaction through that web interface. [Watson, col. 17, ln. 47 to col. 18, ln. 19.] The authorization web page 815 then forwards a pre-authorization request to the authorizing agent 812. [Watson, col. 18, lns. 16-19.] The authorizing agent then stores pre-authorization parameters in a pre-authorization table 918 associated with the consumer account. [Watson, col. 18, lns. 43-59.] Following this pre-authorization phase, the web account user 804 returns to the web merchant page 806 to consummate the transaction. [Watson, col. 18, lns. 20-23.] Once the transaction is initiated at the merchant, the merchant sends a transaction authorization request, and the authorizing agent uses the pre-authorization table to process the transaction. [Watson, col. 18, lns. 27-32; col. 15, lns. 58-61.]

As can be seen from these embodiments (FIGS. 2A-B, 6A-B and 8A-B), therefore, there is simply no teaching or suggestion in Watson to achieve or implement automated approval processing of electronic purchase requests according to an entity's purchasing policies in order to generate policy-based approval parameters that can be used for later payment processing thereby tying corporate purchasing policies to actual merchant transactions, as provided by the present invention.

In relying upon Watson to reject the pending claims, therefore, the Office Action improperly equates or confuses "authorization" processing for merchant transaction authorization requests with "approval" processing for purchase requests according to an entity's purchasing policies within an entity's purchasing management system.

For example, with respect to claim 1, the Office Action points to pre-authorization requests from an account manager to a card issuer as an example of "a plurality of electronic purchase requests from requestors within an entity." [Office Action, page 3.] As stated above, pre-authorization requests relate to the processing ultimately to be done by the authorizing agent as part of the final merchant transaction and are not purchase requests from within an entity. Again with respect to claim 1, the Office Action points to the pre-authorization request and associated account number as meeting the step of "evaluating the plurality of purchase requests with respect to an entity's purchase policies utilizing one or more server systems." [Office Action, page 3.] As stated above, this information relates to "authorization" processing, and Watson provides no teaching with respect to "approval" processing. In Watson, there is no discussion of an entity's purchasing policies, no discussion of evaluating purchase requests based upon those purchasing policies, and no discussion of generating approval parameters based upon this approval processing as part of a purchasing management system within an entity. Still further, the Office Action equates the pre-authorization parameters of Watson with the step of "generating a plurality of sets of approval parameters utilizing one or more server systems." [Office Action, page 3.] Although the approval parameters of the claimed invention are subsequently used for transaction processing by a payment processing system, these approval parameters are based upon the results of approval processing according to an entity's purchase policies. In contrast, the pre-authorization parameters of Watson are based solely upon actual or approximated quotes from a merchant. [Watson, col. 9, lns. 51-60.]

Continuing on to dependent claim 2, the Office Action points to the account manager and a computer connected to the card issuer as meeting limitations directed to providing network access to purchasing management rules, receiving purchase requests, and applying the purchasing management

rules to generate the approval parameters. [Office Action, page 4.] This argument in the Office Action again confuses transaction “authorization” processing as part of a merchant transaction with “approval” processing of purchase requests according to an entity’s purchasing policies. As stated above, authorization and pre-authorization, as used in Watson, refer to the acceptance or denial of an actual transaction authorization request from a merchant. [Watson, col. 8, lns. 36-41.] What Watson does not discuss is approval processing of purchase requests within an entity according to an entity’s purchasing policies as would occur within the purchasing management system 100 of the present invention.

With respect to claim 3, the Office Action points to an authorizing agent who receives authorization requests from a merchant in Watson as “an approver” within a purchasing management system. [Office Action, pages 4-5.] Again, the authorizing agent of Watson acts to authorize or deny an actual merchant transaction. In contrast, the approval processing in the presently claimed invention addresses automated approval processing of a purchase request according to an entity’s purchasing policies. Payment processing of the actual transaction would occur at a later time based upon these policy-based approval parameters.

Looking to independent claim 10, the Office Action relies upon the pre-authorization parameters communicated by the account manager to the card issuer and upon the authorization request from a merchant transaction as meeting the limitations of the claim. [Office Action, page 6.] As stated above, however, the “approval” processing limitations addressed in claim 10 are simply not met or even addressed by the systems described in Watson that focus solely on “pre-authorization” and “authorization” of merchant transactions. This confusion between transaction “authorization” and purchase request “approval” processing continues with respect to the claims that depend from claim 10.

Independent claims 22 and 32, which are not individually addressed in the Office Action, require similar “approval” processing related limitations to those in independent claims 1 and 10. And claims that depend from claims 22 and 32 further include approval processing related limitations.

In short, Watson does not teach or address purchase request approval processing according to purchase policies of an entity as part of a purchasing management system, does not address the creation of approval parameters according to an entity’s purchasing policies as part of this approval processing, and does not address the later use of these policy-based approval parameters for payment processing. In contrast, the claimed invention requires purchase request approval processing according to purchasing

policies of an entity as part of a purchasing management system for the entity. This automated approval processing leads to creation of approval parameters according to the entity's purchasing policies. And it is these policy-based approval parameters created through approval processing that are later utilized by a payment processing system to accept (*i.e.*, authorize) or deny a merchant transaction.

Based upon the above reasons, therefore, Applicant respectfully asserts that Watson does not teach or suggest the presently claimed inventions. Removal of the pending rejections and an indication of allowability for the pending claims are respectfully requested.

Conclusion

Applicant respectfully asserts that the pending claims are in condition for allowance. Reconsideration of the application is respectfully requested.

The Examiner is invited to contact the undersigned at the phone number indicated below with any questions or comments or to otherwise facilitate expeditious and compact prosecution of the application.

Respectfully submitted,



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